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[Signature]

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TRANSMITTAL
FORM

(to be used for all correspondence after initial filing)

Total Number of Pages in This Submission

Application Number	09/484,348
Filing Date	01/18/2000
First Named Inventor	SWIRHUN, Stanley E.
Art Unit	2814
Examiner Name	LOUIE, Wai Sing
Total Number of Pages in This Submission	30
Attorney Docket Number	P00805-US1

ENCLOSURES (Check all that apply)		
<input checked="" type="checkbox"/> Fee Transmittal Form <input type="checkbox"/> Fee Attached <input checked="" type="checkbox"/> Amendment/Reply <input type="checkbox"/> After Final <input type="checkbox"/> Affidavits/declaration(s) <input checked="" type="checkbox"/> Extension of Time Request <input type="checkbox"/> Express Abandonment Request <input type="checkbox"/> Information Disclosure Statement <input type="checkbox"/> Certified Copy of Priority Document(s) <input type="checkbox"/> Response to Missing Parts/Incomplete Application <input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53	<input type="checkbox"/> Drawing(s) <input type="checkbox"/> Licensing-related Papers <input type="checkbox"/> Petition <input type="checkbox"/> Petition to Convert to a Provisional Application <input type="checkbox"/> Power of Attorney, Revocation <input type="checkbox"/> Change of Correspondence Address <input type="checkbox"/> Terminal Disclaimer <input type="checkbox"/> Request for Refund <input type="checkbox"/> CD, Number of CD(s) _____ <input type="checkbox"/> Remarks	<input type="checkbox"/> After Allowance Communication to Group <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences <input type="checkbox"/> Appeal Communication to Group (Appeal Notice, Brief, Reply Brief) <input type="checkbox"/> Proprietary Information <input type="checkbox"/> Status Letter <input type="checkbox"/> Other Enclosure(s) (please identify below):

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SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT	
Firm or Individual	Mark E. Tetreault Barlow, Josephs & Holmes, Ltd.
Signature	<i>Mark E. Tetreault</i>
Date	1/30/03

CERTIFICATE OF TRANSMISSION/MAILING

I hereby certify that this correspondence is being facsimile transmitted to the USPTO or deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, Washington, DC 20231 on this date:

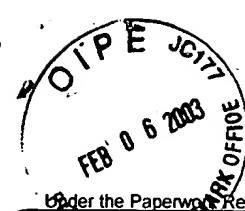
01/30/2003

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Typed or printed	Cynthia M. Branca
Signature	<i>Cynthia M. Branca</i>
Date	1/30/2003

This collection of information is required by 37 CFR 1.5. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, Washington, DC 20231.

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FEE TRANSMITTAL for FY 2003

Effective 01/01/2003. Patent fees are subject to annual revision.

Applicant claims small entity status. See 37 CFR 1.27

TOTAL AMOUNT OF PAYMENT **(\$)** 410.00

Complete if Known

Application Number	09/484,348
Filing Date	01/18/2000
First Named Inventor	SWIRHUN, Stanley E.
Examiner Name	LOUIE, Wai Sing
Art Unit	2814
Attorney Docket No.	P00805-US1

METHOD OF PAYMENT (check all that apply)

Check Credit card Money Order Other None

Deposit Account:

Deposit Account Number
Deposit Account Name

02-0900

Barlow, Josephs & Holmes

The Commissioner is authorized to: (check all that apply)

Charge fee(s) indicated below Credit any overpayments

Charge any additional fee(s) during the pendency of this application

Charge fee(s) indicated below, except for the filing fee to the above-identified deposit account.

FEE CALCULATION

1. BASIC FILING FEE

Large Entity	Small Entity	Fee Code (\$)	Fee Code (\$)	Fee Description	Fee Paid
1001	750	2001	375	Utility filing fee	
1002	330	2002	165	Design filing fee	
1003	520	2003	260	Plant filing fee	
1004	750	2004	375	Reissue filing fee	
1005	160	2005	80	Provisional filing fee	
SUBTOTAL (1) (\$)					

2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE

Total Claims	Independent Claims	Multiple Dependent	Extra Claims	Fee from below	Fee Paid
			-20** =	X	=
			-3** =	X	=

Large Entity	Small Entity	Fee Code (\$)	Fee Code (\$)	Fee Description	
1202	18	2202	9	Claims in excess of 20	
1201	84	2201	42	Independent claims in excess of 3	
1203	280	2203	140	Multiple dependent claim, if not paid	
1204	84	2204	42	** Reissue independent claims over original patent	
1205	18	2205	9	** Reissue claims in excess of 20 and over original patent	
SUBTOTAL (2) (\$)					

**or number previously paid, if greater; For Reissues, see above

3. ADDITIONAL FEES

Large Entity

Small Entity

Fee Code (\$)	Fee Code (\$)	Fee Description	Fee Paid
1051	130	2051 65 Surcharge - late filing fee or oath	
1052	50	2052 25 Surcharge - late provisional filing fee or cover sheet	
1053	130	1053 130 Non-English specification	
1812	2,520	1812 2,520 For filing a request for ex parte reexamination	
1804	920*	1804 920* Requesting publication of SIR prior to Examiner action	
1805	1,840*	1805 1,840* Requesting publication of SIR after Examiner action	
1251	110	2251 55 Extension for reply within first month	
1252	410	2252 205 Extension for reply within second month	
1253	930	2253 465 Extension for reply within third month	
1254	1,450	2254 725 Extension for reply within fourth month	
1255	1,970	2255 985 Extension for reply within fifth month	
1401	320	2401 160 Notice of Appeal	
1402	320	2402 160 Filing a brief in support of an appeal	
1403	280	2403 140 Request for oral hearing	
1451	1,510	1451 1,510 Petition to institute a public use proceeding	
1452	110	2452 55 Petition to revive - unavoidable	
1453	1,300	2453 650 Petition to revive - unintentional	
1501	1,300	2501 650 Utility issue fee (or reissue)	
1502	470	2502 235 Design issue fee	
1503	630	2503 315 Plant issue fee	
1460	130	1460 130 Petitions to the Commissioner	
1807	50	1807 50 Processing fee under 37 CFR 1.17(q)	
1806	180	1806 180 Submission of Information Disclosure Stmt	
8021	40	8021 40 Recording each patent assignment per property (times number of properties)	
1809	750	2809 375 Filing a submission after final rejection (37 CFR 1.129(a))	
1810	750	2810 375 For each additional invention to be examined (37 CFR 1.129(b))	
1801	750	2801 375 Request for Continued Examination (RCE)	
1802	900	1802 900 Request for expedited examination of a design application	
Other fee (specify) _____			

*Reduced by Basic Filing Fee Paid

SUBTOTAL (3) (\$) 410.00

SUBMITTED BY

(Complete if applicable)

Name (Print/Type)	Mark E. Tetreault	Registration No. (Attorney/Agent)	48,289	Telephone 401-273-4446
Signature	Mark E. Tetreault		Date	1/30/03

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Serial No. 09/484,348

#10/Ext. of Time(2)
Amend C w/Drawing
2.11.03
C. Moore

CERTIFICATE OF MAILING

This will hereby certify that this correspondence is being deposited with the U.S. Postal Service as first class mail in a prepaid envelope addressed to: Assistant Commissioner for Patents, Washington DC 20231 this 30 of January, 2003.

By Cynthia M. Branca

**PATENT
ART UNIT 2814
Serial No: 09/484,348**

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant:	SWIRHUN, Stanley E.)	
Serial No:	09/484,348)	Examiner: LOUIE, Wai Sing
Filed:	January 18, 2000)	Art Unit: 2814
Title:	CLOSELY SPACED VCSEL AND PHOTOCONDUCTOR FOR APPLICATIONS) REQIRING INDEPENDENT OPERATION))	
Docket No:	O013 P00805-US1)	

RESPONSE AND AMENDMENT

Assistant Commissioner for Patents
Washington DC 20231

Sir:

A petition for an extension of two months to extend the due date for response from December 19, 2002 to February 19, 2003 is enclosed with the required fee.

Responsive to the official action dated September 19, 2002, please amend the above-identified patent application as follows:

In the Drawings:

Applicant has included formal drawing sheets for Figs. 1-8 for entry into the file should the Examiner find them acceptable.

02/07/2003 DEMMANU1 00000045 020900 09484348

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